



BADGER STATE Smoke Signals



Serving Amateur Radio In Wisconsin

Published Monthly Since 1969

Vol. 14 No. 6 - 172nd Consecutive Monthly Issue - Baraboo, Wis. - June, 1984

M A R A C A N D I D S

Badger State Smoke Signals proudly presents a motley bunch of pix, taken April 8, 1984, at the highly successful Madison Area Repeater Association Swapfest - enjoy, enjoy!

"Rich" W9JS - "The Banjo Man"



Bill, W9UGT



Ed Metzger, W9PRN, Director
Central Division - ARRL



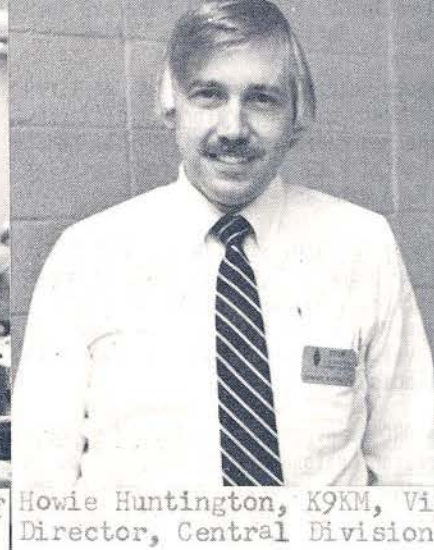
Jack Bremer, KB9WC

66.6% of the Badger State Smoke
Signals Staff

Ken Ebner, K9EN, Typesetter and
Das Printcranker



Jim Decker, WB9UQT, Keeper of
the Funds



Howie Huntington, K9KM, Vice-
Director, Central Division ARRL

Howie's YF Nancy



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 Jim Romelfanger, K9ZZ, Editor
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SWAPFESTS AND OTHER SOCIAL EVENTS

The Central Wisconsin Radio Amateurs will hold their Swapfest/Picnic on Sunday, June 3, 1984, at Bukholt Park on the Wisconsin River in Stevens Point, WI. Swapables and Tailgate sales - \$2.50. Registration: Adults - \$2.00, Kids free. Talk-in on 07/67 and 22/82. See flyer enclosed with this issue of BSSS.

The Starved Rock Radio Club will hold their annual Hamfest on Sunday June 3, 1984, at the Bureau County Fairgrounds in Princeton, Illinois. Registration: \$2.50 before May 20 or \$3.00 at the gate. Starved Rock Radio Club, R.F.D. No. 1, Oglesby, Illinois 61348

An auction will be held Sunday, June 3, 1984, at 11:00 a.m. at 3885 Latham Road, Rockford, Illinois. Auctioned will be the Ham Radio equipment, TV & radio repair equipment, metal lathe and power tools of Fred W. Zwiger, K9TAA. Rain date June 10th.

The Six Meter Club of Chicago, Inc. will hold their 27th Annual Hamfest on Sunday, June 10, 1984, at Santa Fe Park, 91st and Wolf Rd., Willow Springs, Illinois -- southwest of Chicago. Advance registration \$2.00 or \$3.00 at the door. Val Hellwig, K9ZVW, 3420 South 60th Court., Cicero, Illinois 60650.

The South Milwaukee ARC Swapfest will be Saturday, July 7, 1984, at The American Legion Park on Shepard Ave. in Oak Creek, Wisconsin. For information, contact the South Milwaukee ARC, P.O. Box 102, South Milwaukee, WI 53172.

The Lake Shore Swapfest and Public Brat Fry will be Saturday, July 14 at The Wilson Town Hall in Sheboygan, Wisconsin. Free Tables. Registration: Advance \$2.50 (by June 30), \$3.00 at the door. For information write P.O. Box 895, Sheboygan, WI 53081. or call (414) 457-3203.

The Eau Claire Amateur Radio Club will hold its annual Hamfest on Saturday, July 14, 1984, at the 4-H buildings on Fairfax St. in Eau Claire from 8 A.M. to 4 P.M. Talk-in on 31/91 and 52 simplex. Free tables & coffee. Packet radio demonstration, commercial exhibitors, computers and satellite TV. Tickets \$2.00 in advance, \$3.00 at door. For info, tickets, send SASE to Gene Lieberg, KA9DWH, 2840 Saturn Ave., Eau Claire, WI 54703.

Hamfesters Radio Club will hold their 50th annual Hamfest on Sunday, August 12, 1984 at Santa Fe Park, 91st and Wolf Rd., Willow Springs -- Near Chicago. Advance reservations \$3.00 or \$4.00 at the door. Hamfesters Radio Club, Inc., P.O. Box No. 42792, Chicago, Illinois 60642.

The Northwoods Amateur Radio Club and Oneida County ARES will be jointly sponsoring a Hamfest Saturday, August 25, 1984 at South Park School in Rhinelander, Wisconsin. The school is located at 511 S. Pelham in Rhinelander. This is on Highway 17, one block north of the junction with Highways 8 and 47. Tickets are \$2.00 and will be available at the door. Tables are free! (on a first-come, first-served basis). Doors will open at 9:00 a.m. Auction will be at 2:00 p.m. Combine your vacation and an eyeball with the friendliest Hams in the Northwoods. For further details, contact Mike Hamman, KA9BHL, Rte. 5, Box 645, Tomahawk, WI 54487.

The Illinois State A.R.R.L. Convention will be held on Sunday, August 26, 1984 at the Kane County Fairgrounds Exhibition Hall in St. Charles, Illinois. Admission: \$2.00 advance or \$3.00 at the gate. SASE to Jerry Friedes, W9ZGP, 1501 Molitor Road, Aurora, IL 60505. Commercial and Flea Market: George R. Isely, WD9G16, 736 Fellows St., St. Charles, IL 60174.

Radio Expo 84 will be held September 22nd and 23rd at the Lake County Fairgrounds, (halfway between Milwaukee and Chicago) Rts. 45 and 120, Grayslake, IL. \$4.00 for both days, \$3.00 in advance. Radio Expo, Box 1532, Evanston, Illinois.

As a service to our readers, this section of Badger State Smoke Signals is available without charge to list your upcoming Swapfest, Hamfest, dinner, picnic, party or other event of interest to Radio Amateurs in Wisconsin and nearby areas. Send information on your event to K9EN. In addition, space is available at attractive rates on our advertising pages and/or we can include your flyers. For information on rates and requirements for our advertising pages and/or for including flyers, please contact K9ZZ or K9EN.

CLUB MEETINGS:

Central Wisconsin Radio Amateurs: (Stevens Point)
June 13, CWRA club meeting, place to be announced.

Kettle Moraine Radio Amateurs:

All meetings are held on the SECOND (2nd) Friday of each month.

MARA Members hard at work at the swapfest!



John Frank, WB9TQG ("Books-Frank Talk" in BSSS)



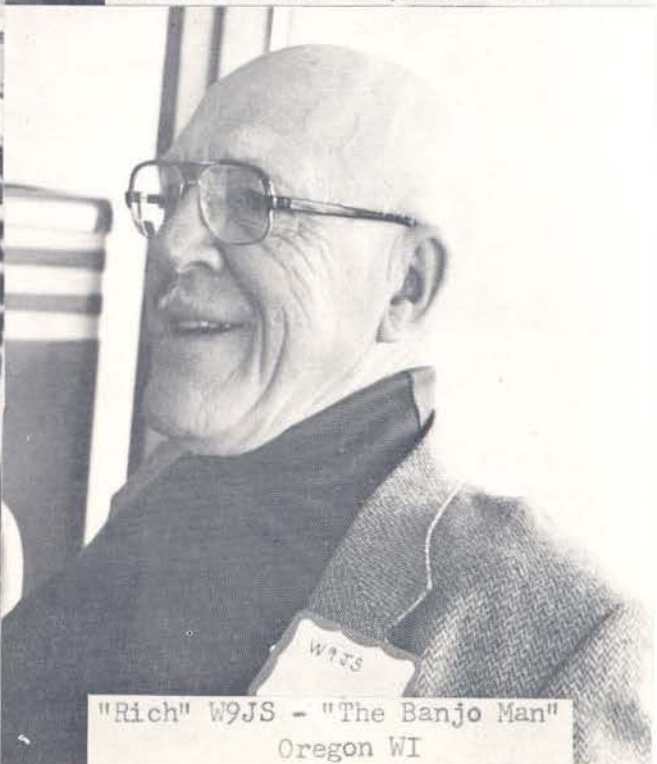
LaVonne Frank, AC9J, FB cw op and avid collector of vintage rock records



Steve Polishinski, WB9SDski



Gary, N9DRA, eyes the goodies



"Rich" W9JS - "The Banjo Man"
Oregon WI

Marty



Clyde-poo, W9HSY, MARA President



John LaBlonde, W9FZC, one of the NCS for the Baraboo 28/88 Swap Net



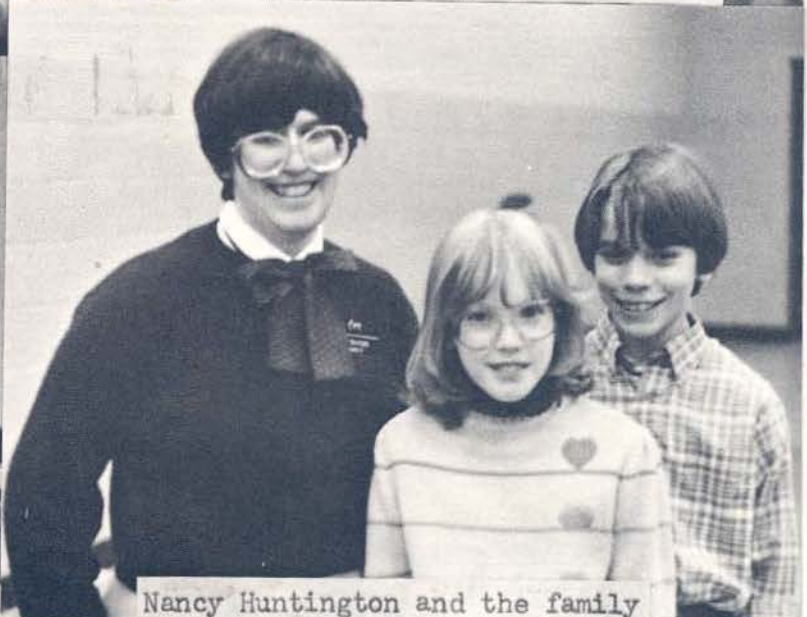
Paul, WA9PWP



Chuck, K C 9 No Hope, Winneconne



A swapfest jest ain't a swapfest without the gang from Microcraft!



Nancy Huntington and the family

Hope you liked this pictorial review of the MARA bash! As you can see, both the ARRL Central Division Director (Ed, W9PRN) and Vice-Director (Howie, K9KM - the feller who beat our own K9EN in the last League election - k9zz) were there. Clyde, W9HSY, MARA President, sez the shindig was successful enuf to assure MARA's systems a home for another year or so! Tom Doyle, W9KE, took capable charge of arranging all the volunteer workers. And, it was the help of all those volunteer workers who made it all possible. The fine reputation of the MARA Swapfest is well known far and wide...and all those who gave their time - and in some cases muscles - who make it work! Next years' event will be around the third week of April. Well done, gang!

k9zz pix

Madison Area Repeater Association

Next meeting will be September 10, 1984.

Milwaukee Radio Amateurs Club:

All regular meetings of MRAC are scheduled for 1984 at Waumata Savings and Loan Building, 7500 West State Street, will be held on the second Thursday of the month. Jun. 14, Sep. 13, Oct. 11 and Nov. 8.

QCWA - Wisconsin Chapter 55

The spring dinner meeting, will be held Saturday, June 2, 1984 at the Downtowner Motel., 321 S. Washington St., Green Bay, WI. Registration at 11:00 AM with Dinner at 12:00 Noon. Cost: \$7.50 per person, including dinner, tax, tip, beer and soda. For reservations, contact Richard R. Regent, K9GDF, 5003 S. 26th St., Milwaukee, WI 53221. (408) 282-0312.

West Allis Radio Amateurs Club

Regular meetings are held on the second Tuesday of each month at St. Francis Savings, 9330 W. Greenfield Ave., at 8:00 P.M.

The Wisconsin Nets Association

Delegates meeting June 2, 1984, at QTH of WB9ESM in Manitowoc.

The Wisconsin Valley Radio Association (Wausau)

holds regular monthly meetings on the first Tuesday of the month at 7:30 p.m. The location varies, but information is available on the 146.04/64 repeater in Wausau.

Yellow Thunder Amateur Radio Club: (Baraboo, WI)

All regular meetings of YTARC are held in room 34 of the Baraboo Civic Center. Jun. 12, Jul. 11, Aug. 16, Sep. 17, Oct. 16, Nov. 14, Dec. 13.

Let us know of your club meeting dates and we will let others know of your meetings and activities. There may be Amateurs in your area interested in joining your club or members of other clubs interested in making an interclub visit.

MISCELLANEOUS MISCELLANEOUS MISCELLANEOUS MISCELLANEOUS

Oh what the heck -- a few items of interest:

Central Wisconsin Radio Amateurs Ltd. (Stevens Point)HATT'S SWOO

The CWRA will be assisting with the Special Olympics Games June 7-9. If you have any time at all to give, please call Frank, W9BCC, at 344-2566 or Paul, K9DB, at 346-7430. You will be given an assignment and you will not regret the time you put in there.

Green Fox Amateur Radio Club (Green Lake)FOXTALES

The Green Fox ARES Net will take place on the Green Lake Repeater each Sunday night at 8 p.m.

Wally, KC9WQ, added RTTY/ASCII/CW/AMTOR and a Panasonic printer to his station.

Steve, WB9ZRE has the new B23A 2-meter linear for his mobile.

John, KD9GD's neighbors were asking just how much higher his tower would be. Answer -- 70 feet braggins a TH5/MarkII and Ringo Ranger.

Kettle Moraine Radio AmateursKETTLE DRUMS

During the Wisconsin QSO Party, a new twist was added to the already popular contest. The KNRA Multi-Multi mobile, with four stations aboard, hit the Wis. highways. Jack, N9EZ, set the pace on 40 cm, Bruce, K1TMM, kept the 75 phone station on the air. Paul, WB9HCO, took care of the long haul QSO's on 10 phone and Rod, WB9AZH, handled the 2 meter phone station along with logging chores. Ken, N9KS, was the official driver, map reader and relief station.

The results were better than expected. 364 QSO's from 16 counties. The trek started near Theresa in Dodge county and went north to Brown county. Then west to Fremont, then a south turn put us on our way home through Dane and Jefferson counties.

Did you hear that the Wurlitzer Company and Xerox are engaging in a joint venture? -- They plan on making Reproductive Organs!

Madison Area Repeater AssociationMARA NEWSLETTER

GOOD SHOW! This year's MARA Madison Swapfest exceeded all expectations in attendance and profits! Many thanks for the help of the MARA members and their friends who worked so diligently and some worked so very long too.

Next year's Swapfest will be held on April 21, 1985.

Kudos to WA9PWP's harmonics!! Bob, who is 10 is now KA9QXF and Steve, who is 12 is now KA9RM6. They wish to express thanks to the FLARC Novice classes for getting them started in Amateur Radio via their fine novice course and of course fine instructors.

MANICORAD (Manitowoc County Radio Club)

The annual banquet was held at Machut's supper club with 60 Hams and guests attending. They all enjoyed the fine broasted chicken and ham served. Awards for service to Amateur Radio were presented to Section Manager, Roy Pederson, K9FHI, who is leaving the position after 11 years of outstanding service, and to past Vice-Director, Ken Ebnetter, K9EN.

Sheboygan County Amateur Radio Club, Inc.NEWSLETTER

The 2-meter net has been moved to Monday nights at 7:00 p.m. instead of Wednesday nights.

Congratulations to Walter Nelesen, who is now KA9RLU, and also Andrew White who received his novice call, KA9RLV.

Congratulations to Gene Schultz, WA9OVU who won the activity award last month. Gene had a total of 92 points.

Wisconsin Nets Association

For news of the WNA see the WNA section of Smoke Signals.

West Allis Radio Amateurs ClubHANTRIX

Picnic: Remember, Saturday, June 9 at Muskego County Park. Watch HANTRIX for more details or contact Jim Borowski, WA9YSD.

Welcome to new member, Carl Mueller, KA9QJY.

WARAC also welcomes Pat Volkmann, WB9JIC, whose outstanding program presented at their April meeting earned him an Honorary Membership in WARAC.

Yellow Thunder Amateur Radio Club, Inc.

For news of the YTARC see the YTARC section of Smoke Signals.

Our thanks to the above mentioned clubs and their bulletins for the information presented. Badger State Smoke Signals will be pleased to exchange bulletins and information with your club. Please contact K9ZZ or K9EN.

WVRA News (Wisconsin Valley Radio Association, Wausau)

Ken Van De Zande, N9CPC
520 North First Avenue
Wausau, WI 54401

Election of WVRA Board members was held in April, and Jim Kimball, K9JXW, is the new Vice-President. He succeeds Skip Morgan, N9ATP. Otherwise, the officers lineup is the same as that printed in the March BSSS.

Reno Goetsch, W9NA, was recently honored by the WVRA for 50 years of membership in the club. Reno was one of the charter members of the WVRA in 1934. In addition to a forthcoming mention and picture in QST, Reno received a nice writeup in a supplement, featuring Ham Radio, in the Wausau Daily Herald. Reno was also presented with a plaque by the club. Congratulations, Reno!

Speaking of the 50th anniversary of the WVRA, it's going to be celebrated October 27th, at the Valley Inn near Wausau. Socializing will be from 3-6 p.m. and the banquet will be served at about 6 p.m. Everyone's invited to help the WVRA celebrate 50 years of service to Central Wisconsin. For more information, write to P.O. Box 363, Wausau, WI 54401.

Dick McCallum, N0BK, and Bob Starr, WB9JGA, worked with the Samoset Council of the Boy Scouts at their jamboree May 19th. Dick and Bob set up a Ham station at Camp Phillips, the site of the jamboree, to demonstrate the world of Ham Radio.

Plans are underway for Field Day for the WVRA. It'll be held near Wausau on June 23rd and 24th. For more information, again, please contact the WVRA.

73, Ken N9CPC

(Congrats to Ken on his new job as morning announcer for WR16 Radio in Wausau! -- K9ZZ)

Time is nature's way of keeping everything from happening all at once.

Did you know.... In 1895, there were only 2 cars in the entire state of Ohio. They collided!!!

Happiness is not having to consult a road map on the last mile home

State RACES Demonstration

Governors Conference on Disaster Preparedness
April 12 - 13, 1984

From Russell R. Fleming, WB9NYG
State RACES Officer

On Wednesday, with the help of Dick Hugi, KC9CJ, of Milwaukee, I again installed the 2 and 75 meter antennas on the roof of the Concourse Hotel. This of course, involved running two RG8U Coaxial cables down the stairwell from the 14th floor penthouse to the second floor display area.

Dick brought his Kenwood 430 transceiver, together with an antenna tuner, for operating 75 meters. John LaBlonde, W9FZC, furnished his Kenwood 7800A for the 2 meter operation. We operated the WC9AAG station on both bands on Thursday from 0800 until 1600 local time. Our log reflects 137 checkins on 2 meters and 122 on 75 meters. We had contacts in 66 of the 72 counties. We did not have a contact in the following counties: Bayfield, Forest, Green, Iron, Marinette, and Taylor. John Glaeser, WB9ESM, of Manitowoc also operated the station.

We experienced some problems with the 75 meter signal feeding into the amplifier systems in the meeting rooms. This has never happened before, and the management advised they have not changed their system since the last conference. Total contacts were down 70 from the 1982 demonstration caused by the interference in the amplifier system, since we did not transmit during the sessions.

Governor Earl had four contacts around the state, and signed QSL cards, which were mailed to the operators. He worked W9IEM at Pine River and WD9IFR on 2 meters. He then worked KN9P at Hilbert and KA9BHI outside Tomahawk on 75 meters. The Governor complimented all Amateurs for participating in the exercise, and making themselves and their equipment available during emergencies.

We made one contact on ten meters as a demonstration of distant contact capabilities. The contact was on San Andres Island which is owned by Colombia, and is located off the coast of Nicaragua. The station was also an emergency government station, and was very interested in our operation.

We were able to respond to many questions from public safety people in attendance. The print-out from the computer, listing all registered RACES operators statewide, was very helpful talking to the respective County Civil Defense Directors. We now have in excess of 500 participating, and the list needs to be updated soon.

The overall comments heard on the air after the Conference indicates the exercise was a success. The participation of the Governor certainly generates a renewed interest in the Amateurs participating in these exercises.

Russ Fleming, WB9NYG

Are you a licensed RACES operator yet? If not, why not shuffle on down to see your county Director of Emergency Government? The application for a RACES license takes only a few minutes to fill out. And...you get a nice blue certificate from the State. But, most important, you will show your willingness to help Emergency Government when they need that help! -- K9ZZ

WISCONSIN NETS ASSOCIATION LTD.

WISCONSIN NETS

NET	WNA	FREQ	UTC	LOCAL CDT	MANAGER	NORTH WOODS TRAFFIC NET
BWN	YES	3984	1100Z	0600	WD9IID	Lee Andreas, N9BDL, NM
BEN	YES	3985	1700Z	1200	WB9ESM	Rte. 1, 7600 Hwy. D East
WSBN	YES	3985	2230Z	1730	WA9ZTY	Lake Tomahawk, WI 54539
WNN	YES	3723	2300Z	1800	KA9OBP	
WSSN	YES	3645	2330Z	1830	KC9CJ	
WIN-E	YES	3662	0000Z	1900	WB9ICH	The snows have come and gone and come and gone. The
WIN-L	YES	3662	0300Z	2200	K9LBU	ice is temporarily off the lakes. Fishermen are whip-
XPD	NO	3925	1731Z	1231	WA9YVC	ping the water surface to a froth. It must be spring.
NWTN	YES	.34/.94	2330Z	1830	N9BDL	The first wood ticks have been duly plucked from hard-
GR.BAY	NO	.72/.12	THU 0145Z	2045 WED	WB9NRK	to-reach places. That proves it; spring is here.
WCWTN	YES	.31/.91	2330Z	1830	N9AUG	

WISCONSIN SLOW SPEED NET

Dick Hugi, KC9CJ, Net Manager.

The past few months have seen the net prospering quite well. My thanks to the net controls, and all the stations who have been checking in. The consistency of a few stations has been outstanding. I won't list them; they know who they are. I'm sad to say that just a few stations have been getting most of the practice handling most of the traffic.

There have been a few cases of traffic being left on the hook. This is not a good sign. PLEASE help get the Hams in your different areas interested in CW and CW traffic handling.

I heard of an instance last week where an experienced SSB operator on the daytime Central Area Net couldn't get his messages through, and suggested trying CW. The receiving station, being very familiar with CW, was only too happy to make the switch. Unfortunately, the sending station didn't know CW procedures. Very sad. After trying for a half hour, they had gotten only one piece passed. Bill had to leave to get down to the 9th Region net. The messages had to wait for a later net, and lost a whole day. Good thing they were Routine.

Totals for the year, as of March 31, show continued good health. Checkins were 631, an average of 7 per session. Traffic offered was 183, a little more than 2 each day. Traffic passed was 175, a little less than 2 per session. We have been on the air a total of 1935 minutes, for an average of 21 minutes per session. Real nice jobs by all.

With summer coming, I will be looking for alternate net controls to fill some of the slots left by the regulars, as they go on vacation, or just take a weekend off. Anyone interested, please contact me.

In a conversation with KA9CPA the other day on the Badger Weather Net, I learned that the word Amateur comes from the Latin word Amare, which translates to "to love." See what a person can pick up on the nets? Anyway, this got me to thinking that maybe the difference between Hams and the gang on 11 meters just may be our love for this hobby of ours. Until next time, the best of wishes.

73, Dick, KC9CJ

Month	QNI	QTC	QTR	Sessions
February	389	48	970	29
March	406	63	1065	31
April	375	56	994	30

While some of you were basking in the solar rays of southern climes or slaving away in the salt mines, the members of the NWTN were frolicking at the second annual Hamski at the KA9BNK/KA9BHL QTH. No broken bones or sprained ligaments to report. Just good times, sparkling discussion, top drawer food and eyeball qso's with welcome visitors.

March featured another tradition -- the yearly Shake and Bake (or banquet for the staid group). For comments see Hamski listed above.

April held more sober activities for the two meter buffs of Oneida County. A devastating tornado glanced off of the east edge of Lake Tomahawk. In all, the storm traveled more than 25 miles without lifting. The path varied from about 400 feet wide to over a quarter mile in width. In this county approximately 80 summer and year-around homes were destroyed. You have not seen destruction until you have seen what a tornado can do. There was almost ten million dollars in damage and unfortunately, one death.

The area Hams responded immediately, and emergency plans were put into use. The North Woods Emergency Net was up over five hours on the day of the tornado. Damage reports and calls for assistance were relayed to the authorities via 146.34/.94 and .52 simplex. Communications for security and assistance were provided for two additional days. The so-called game playing of disaster drills paid off. The Oneida County E.C., K9BTP, thanks all those Hams who responded and gave of their time and effort. This N.M. thanks those Hams who helped by listening and not transmitting unless they were called. It takes both kinds for a successful operation like we had after the 27 April tornado.

No points to ponder this trip. I'm still too busy giving thanks that we had no damage at this QTH.

73 de Lee, N9BDL, NWTN NM

It's said that a paint has been invented that renders an object invisible at a few yards. -- Golf ball manufacturers have been using it for years.

GOOD MEDIA...THE NAME OF THE GAME!

Jim Romelfanger, K9ZZ
Public Information Assistant
WI Section ARRL
Rte. 1, Box 770
North Freedom WI 53951-9799

Cheers...It's way past my self-set three-month deadline for BSSS contris...can't even obey my own rules!

As I sit here, pecking this out on a RadShack model 4, it's about 70 degrees outside, and there is an odd bright light in the sky. After a few hours of clever analysis, I discovered it is the sun. It gives one some cause for cautious optimism that we just might even have a decent day for Field Day at the end of this month. But then again, this is Wisconsin, ain't it...

Our WI PIA count is up to eight able and helpful PR helpers, and a good bunch it is! I'll have to screw up some ambition (a most rare occurrence indeed) and make up a complete list, and will run it here in these hal-lowed pages.

I've got a nice bunch of radio Public service Announcements from our ARRL, and will make eight dubs, one for each PIA. Not sure just when I'll get 'em done...but, when they are ready, I'll drop one in the mail for each PIA.

Would appreciate it if you would make the rounds of your local broadcasting outlets and seek out the program director and ask him/her if it might be possible to get 'em aired. They are indeed public service spots and are not commercial matter in any manner, shape or form. They are done by celebs like Dick Van Dyke, Lorne Greene (no mentions of Alpo in those, bu Lorne's voice is kinda ruff), Daryl Dragon of the Captain and Tennille, and other easily recognizable public figures.

The dubs will be mono cassettes. And...the price is right...they won't cost you anything, unless I don't plaster enuf postage on the mailers.

Keep in mind that Field Day offers you a superb PR opportunity...you might peck out a brief (brief!) news release and ship it off to your local media outlets - both radio stations and newspapers...TV stations, too, if you are in a TV market. Give the pertinent info - who, what, why, when and where...and include an invitation for the public to drop by your FD site and visit. You might even mention they'll get a free cuppa coffee or soda pop or whatever. Do NOT mention beer or booze!

If you do have visitors at your FD site, BE NICE! One very important thing...visitors are very likely to be curious CBers...DO NOT denigrate CB!! It's perfectly OK to show the differences...and it's a fine chance to do that. BUT...you wouldn't want anyone to call your hobby crap, and I don't think a CBr would like to hear that about his current hobby, either. Be strictly upbeat! And ...be sure to tell the visitors about your club, too. Tell 'em when the next meeting is and give them a nice, friendly invitation. Know what? You'll very likely find them in the next class.

Past experience in our local club has shown that it pays to assign someone the job of "Hospitality Chairman." That person is asked to keep an eye out for visitors and to greet them and show them the operation. If you have someone assigned that task, you can then be reasonably sure that visitors won't be ignored. It would be most inhospitable to invite visitors and then

ignore them! And this ~~can~~ ^{does} happen...it has happened in our local club and creates some very hard feelings! That's what lead to the creation of "Hospitality Chairman." We even have a Hospitality table, complete with coffee and sweet rolls. (He who fall in sugar vat go for sweet roll.)

All for this one, gang, Have a happy and safe Field Day. Good luck with your PR efforts. FD really gives us a great chance to add new Amateurs to our numbers. It's up to you!

Have a fun summer. Hope to see you in Baraboo on Saturday, July 7, 1984, for the biggie Circus Street Parade, being staged by the world-famous Circus World Museum. We've been asked for Amateur Radio communications...and if you can help with that commo effort, please contact Jim Decker, WB9UQT, P.O. Box 337, Baraboo WI 53913-0337 (608) 356-5376. RSVP 28/88 Baraboo evenings.

73, jim k9zz

BOOKS - FRANK TALK

John W. Frank, WB9TQG
P.O. Box 5113
Madison, WI 53705

Digital Counter Handbook

Published by Howard W. Sams
264 pages (paperback) \$10.95

It wasn't too many years ago that electronic counters were about the size of a refrigerator and had price tags proportionate to their bulk. Modern counters are much smaller and less expensive than their predecessors.

The *Digital Counter Handbook* deals with this new generation of counter, and may be of interest to anyone who owns, or is planning on buying, a counter. The topics covered include, interpreting specifications, applications, measurement errors, counter accessories, and basic counter theory. This handbook is intended for users of commercially available counters; it is not a home brewers' guide to building your own frequency counter. It is also not a sales pitch for any particular brand or type of counter. The instruments referred to in this book represent a wide variety of manufacturers and prices.

Who would I recommend this book to? Anyone who is thinking of buying a counter might benefit from chapters on counter theory and interpreting specifications. Readers who already own a counter may be more interested in the chapters dealing with applications and counter accessories. All in all, this book has something to offer almost anyone who is interested in modern digital counters.

John W. Frank, WB9TQG

If there is anything wrong with that transceiver we bought in Mexico last week end...we have been cheated out of \$3.75. -- W0CCT

Old art museum curators never die. They just fail to get the picture.

Sculptor's work ethic: with mallets aforethought.

YELLOW THUNDER AMATEUR RADIO CLUB

The May 14, 1984 meeting of the Yellow Thunder Amateur Radio Club, Inc. was called to order by President Art Kleefisch, W9WSS in room 34 of the Baraboo Civic Center.

The following members were present:

Art Kleefisch	W9WSS	Baraboo
Harry Mayland	K9FFT	Baraboo
Jim Decker	WB9UQT	Baraboo
Norm Gade	K9ELK	Reedsburg
Pete Sweeney	WD9JIB	Reedsburg
Art Escher	WA9WUS	Lodi
Ken Johnson	K9DZG	Mazomanie
Ken Ebnetter	K9EN	Portage

The minutes of the previous meeting were accepted as printed in BSSS.

The treasurer's report was submitted by Treasurer, Jim Decker, WB9UQT, and accepted. Operating account \$49.77, General reserve \$60.00, and Equipment reserve \$100.00 for a total of \$209.77.

Communications and announcements: K9EN read items from Westlink Report and The ARRL Letter. It was reported that the Vice-President, Duane Grotophorst, KA9HKL, will be out of the area for a few months.

Field Day was discussed. There will be no club organized activity this year. Several members indicated interest in participating during part of the period but none could commit themselves to full participation. Any that are interested should get together and make their own plans for this year's activity.

The summer meetings (July and August) were discussed. There are no programs planned although the possibility of a hidden transmitter and or a picnic were discussed. If anyone is interested, please let one of the officers know. The June 12 meeting will have a program from the ARRL.

Jim Decker, WB9UQT, discussed the Circus Parade in Baraboo on Saturday, July 7. There are 11 positions to be filled, and Jim would like to see more operators so that operators can be relieved during the day, if necessary.

The door prize was back to \$1.00, since it was won last month. Jeremy Wight, WB9NVI, was the winner and since he was not present, the amount will go to \$2.00, next month.

The meeting was adjourned by the President.

Following the meeting Art Kleefisch, W9WSS, gave a presentation and demonstration on his SB-104 transceiver. He discussed the design, construction and operation of the receiver in depth.

Respectfully submitted Ken Ebnetter, K9EN, Secretary

The following famous YTARCers celebrate their birthday in June.

Ken Ebnetter	K9EN	June	8
Harold Reif		June	18
Harry Mayland	K9FFT	June	24

WANT ADS

FOR SALE: Complete station package. Hallicrafters FPH-300, has been updated by a Hallicrafters tec. Package also includes Dentron antenna tuner, MFJ keyer, MFJ CW filter and Radio Shack SWR-power meter. Asking \$400.00. Ed Statz, WD9ESJ, Ste. 3, Box 154A, Baraboo Wisconsin 53913. (608) 522-4950.

FOR SALE: Kenwood TS-B30 with mike and operating manual. Excellent condition. Asking \$800.00. Bill Adelman, WD9HMM, 641 N. Walnut, Reedsburg, WI 53959. (608) 524-3872.

Your ad can run here...For a mere fifty cents a line, you, too, can advertise in Badger State! Send your copy and humble remittance to Keeper of the Funds, Jim Decker, WB9UQT, P.O. Box 337, Baraboo, Wisconsin 53913-0337

From GEARVAKf bulletin

NEW SPECTRUM UTILIZATION PLAN PROPOSED

In a surprise move, the Fraternal Amateur Radio Technologists announced a bold six-point plan designed to increase efficient use of the radio spectrum:

- (1) Reduce transmit time ("CQ" would become "C" and called only once.)
- (2) Push-pull output circuits would become push only.
- (3) Horizontal antennas would be replaced by space-conserving verticals.
- (4) Continuous wave emissions would become discontinuous (or intermittent at most.)
- (5) Spread-spectrum emissions would be allowed only if they are spread very thin (less than one inch thick.)
- (6) Voice transmissions must be spoken very fast, omitting unnecessary conjunctions, syllables, and vowels. Implementation is expected at WARC 199.

WAAPYQ

FROM THE ARRL LETTER

The last call sign in each group to be assigned for the ninth district, as of the first of May 1984 was:

Amateur Extra	NA9X
Advanced	KD9IE
Technician/General	N9EMU
Novice	KA9RMM

The next meeting of the YTARC will be held on June 12, 1984, in room 34 of the Baraboo Civic Center, in Baraboo, Wisconsin. The program scheduled will be on the ARRL, presented by Past Director Ken Ebnetter, K9EN.

Radio Amateurs and cordless telephones have made the evening network news. CBS news reporter Bob Schieffer showed a man listening to a telephone conversation on 1707.8 with a Kenwood TS-430S. The news item was well done and lasted a good two or three minutes. This should effectively demonstrate to the public that cordless phone conversations are not very private, and that almost anyone can listen in on their conversations.

The 1984-85 edition of the ARRL Repeater Directory is available from your dealer for two dollars. This new edition contains over 8000 listings, and should be useful to anyone operating above 29.5 MHz. A new section lists ARRL Special Service Clubs. The cover photo looks like a scene on the planet Pluto -- illustrating to what great lengths the K101Q repeater gang had to go to put a machine on the air.

QRY for FD? Reserve the last full weekend in June (June 23-24) for the most popular operating event of the year. What better way to generate positive publicity for Amateur Radio -- and get a 100-point bonus to boot! AMSAT has authorized the use of AMSAT-OSCAR 10 during Field Day -- another 100-point bonus. FD falls within AMSAT's 25th anniversary Stoner Challenge Cup activity period (see April QST, page 57), and will be an excellent opportunity to demonstrate OSCAR 10's capabilities.

From WESTLINK REPORT

The Westlink Amateur Radio News, which produces a weekly Ham Radio news program distributed by telephone nationally, may soon cease operation due to ongoing financial difficulties.

During the current crisis, all news material for use by Westlink Radio should be sent to P.O. Box 463, Pasadena, CA 91102. Any inquiry that requires a response must be accompanied by an SASE. The Amateurs who started producing the newscasts in 1976 plan to continue operating until such time as all avenues of obtaining financial rescue are exhausted.

Currently, Westlink Radio is still producing and airing its newscasts using telephone lines in Los Angeles, Dayton and New York City which are funded from outside sources, but the lack of long distance telephone capability is hindering its news gathering ability.

(Westlink News publisher's comments: The Westlink Report is in no danger; we are funded by subscriptions exclusively. This newsletter does not support the Westlink Radio Network in any financial way [although we do share some news items as well as the name Westlink]. Those who fail to contribute to the radio service because they believe it is supported by this newsletter may suddenly wish they had, in fact, sent them a contribution. We estimate that if each person who regularly listens to the Westlink Radio News was to send them \$2.00, all financial obligations for the organization would be met for about 10 years.

DE WB9MQV)

Undercover agent: Snooperman.

SILENT KEY

Man repairing oven killed
from The Milwaukee Journal 5-22-84

An electrical engineer for a Butler firm died Friday after he suffered an electric shock of 4,000 volts while trying to repair a microwave oven.

About 12:30 p.m., shortly after he had finished his lunch, Roger Nielsen, 49, of 2618 N. Stowell Ave., began working on a microwave oven at the Radyne AKO Corp., 12819 W. Silver Spring Rd., Butler.

Radyne President Joseph Kolaga said that Nielsen was leaning against the microwave, his chest and one arm draped over the machine while he reached inside with a probe used to test the current going through electrical components. Such testing requires that the unit be plugged in.

"He was conversing with six or seven people when all of a sudden he sort of jolted up," Kolaga said. "He fell over backwards, pulling the microwave with him, and crumpled to the ground."

Employees performed cardiopulmonary resuscitation and notified the Butler Rescue Squad. When paramedics arrived, Nielsen had no pulse and was not breathing, Butler Fire Chief Robert Zoulek said.

Kolaga emphasized that Nielsen's accident did not result from his employment at Radyne. He had agreed to repair the oven as a favor to a colleague, and began to tinker with it on his lunch hour. Nielsen was not a certified microwave repairman.

Kolaga said that Nielsen, who taught electrical work part time at a local school, might not have used the proper precautions. Because Nielsen was leaning on the microwave oven -- a safety violation -- his body completed a circuit and the shock was more severe than it might have been.

Nielsen has worked for the company since March 9. He was married and the father of five children.

Roger Nielsen, N9DAA, was first licensed in 1980 as KA96BP. He had an extremely wide circle of close friends and acquaintances in the southeastern Wisconsin Amateur Community. This was certainly due, in part, to his being the Net Control for the Milwaukee Repeater Club (31/91) Sunday Swapnet, in addition to his warm and gregarious personality. He will be sorely missed by a great many.

Did you know:

That Blacksmiths were honest forgers.
That Daschund owners favor a low profile.
That schools of fish never play hockey.
That light bulbs know WATTS happening.
That window cleaning is a pane.
That chimney cleaners expect to get a lot of flue.
That raising rabbits is a hare raising experience.

From Amateur Radio News Service (ARNS) Bulletin

OPERATION SANTA CLAUS

By Richard Regent, K9BDF

Hams Endure the Cold to Warm the Hearts of Children

'Twas the night before Christmas, when all through the hospital not a creature was stirring - except Operation Santa Claus. Operation Santa Claus? Sure, it's a public service event, now in its eighth year, where Milwaukee Ham Radio operators provide communications to help hospitalized children talk to Santa on Christmas Eve.

Here's the procedure. Hospital administrators escort Hams to a child's hospital room. A nurse enters the room and asks if the child wants to talk to Santa. If everything is in order, two Hams are asked inside. At least one of the pair has been on Operation Santa before, so from experience they smile but make sure not to ask, "How do you feel?" or other questions about illness. No other strangers enter. The child listens to other children on the radio, is shown the microphone, and is asked to speak loudly when talking to Santa. Hams operate the transceiver and microphone, radio the youngster's first name and age, and then let the child say initial words to Santa. Santa responds and, after exchanges with the child, turns the operation back to net control.

Hand-helds, like giant hypodermic needles, might scare kids, so cord-type microphones are desirable, connected to 5 or 10 watt battery-powered portable 2-meter transceivers. Low power minimizes TVI and insures there will be no interference with medical electronics. Operators use magnet-mounted antennas on metal radiators near a window and as a back-up some take along an AC-extension cord, small power supply and an extra transceiver.

A preliminary net is called to give advance instructions and final assignments to 20 participating stations. Although around 50 children were expected at 16 hospitals, net control reports up-to-date information indicates there are only 22 children at 5 hospitals; this reduction is a blessing in disguise.

On this Day before Christmas, not only is the temperature 22 degrees below zero, but 30-mph wind are swirling up a wind-chill factor of minus 80 degrees. One of those days when it's warmer inside a refrigerator freezer than it is outdoors. Yet, on this special day, Hams endure the cold to warm the hearts of children.

It's 3:30 P.M., Amateur operators are at the hospitals in time for the Milwaukee Santa Claus net to provide two-way radio communications for children wishing to talk to Santa and to guide and assist Santa during his trip to Milwaukee. Net control, W9ZAG at ARRL Amateur Radio Emergency Service station W9WK, radios through the repeater for Santa and listens. There is a long pause, but no answer. Hams nurses, parents and children listen more intently as net control gives another call, "Calling Santa Claus - Sierra Alpha November Tango Alpha. How do you copy Santa? Are you ready to talk to some children in Milwaukee?" Then what should be heard, but the sounds of sleigh bells, blowing wind and a jolly, old but familiar voice, "Milwaukee Net Control, this is Santa - Sierra Alpha November Tango Alpha. I read you loud and clear and I certainly would love to talk to the children, go ahead, over." Listeners are relieved and gladdened to hear Santa's voice. "We're right on schedule, barring any storms, and, of

course, we always do run into few of those, we should be arriving in the Milwaukee area somewhere round 10:30 tonight." Contact with Santa is established at 3:35 P.M.

WD9GRI stops by an enthusiastic child, four year old Lemandre. Those listening at home can't see that the boy, a burn victim, sits in a wheel chair with head completely covered in bandages except for eyes, ears and mouth. "Hello," he excitedly says in a young voice. "Hello Lemandre," Santa joyfully replies, "Have you been listening to our broadcast up to now?" Lemandre exclaims, "Santa, won't you come over here?" "Oh, you bet," assures Santa, "I'll be in Milwaukee at Children's Hospital late tonight. I can't tell exactly how my schedule's going to be, it depends a lot on the weather, and you might be asleep by then." As Amateurs leave for more contacts, W9DLA, with a back-up transceiver, stays beside the child in the wheel chair. As they listen together a few extra moments, little Lemandre whispers, "Merry Christmas, Santa."

Andre, age 12 says "Hi Santa Claus." Hello Andre, it's nice to talk to you on this Christmas Eve, is there anything you'd like to talk to Santa about, specially?" asks Santa. "I'd like to go home." "Well, I'd like for you to be home too," encourages Santa, "and maybe in the near future that'll be possible. Oh my goodness, off to the right I see a big group of lights and our lead reindeer seems to be tiring a bit. I think what we're going to do is land in the middle of that village down there and see if we can't get them some hay, a little bit of food."

There's an old saying, "A good many things go around in the dark besides Santa Claus." Well, there isn't a dull moment today for the hospitalized children listening to Santa's trip. A sleigh runner has minor damage during a snow-storm landing at Reindeer Lake, Saskatchewan, where the tired reindeer stop to rest and drink water. Santa's old compass ices up, his pack shifts and he flies off course, but is quickly guided by a friendly pilot. He even sees the dazzling spectacle of the Northern Lights. No one notices there is no mention of hospitalized children in other cities, we hope they have Hams there too. Communication are periodically interspersed with Santa sightings, Milwaukee County Sheriff reports, and National Weather Service forecasts.

WB9NNJ coordinates Santa Claus sightings, "Net control this is Santa sighting station. We have a sighting of longitude 150-degrees west, latitude 62-degrees north, that would put him near Anchorage, Alaska at this time. Back to net control." Sightings prove invaluable and put Santa back on course several times during his trip from the North Pole, though Alaska, British Columbia, Alberta, Saskatchewan, Manitoba, Minnesota and finally into Wisconsin.

The Milwaukee County Sheriff makes an announcement, "Net control, this is Sheriff Artison. The Red Cross has reported a severe shortage of milk and cookies available for Santa to eat when he arrives in Milwaukee tonight. Therefore, by the powers vested in me as Sheriff of Milwaukee County, I'm declaring an official critical milk and cookie shortage. I'm asking all boys and girls to help by putting out a little something for Santa and the reindeer to eat when they arrive tonight. I'm sure Santa and the reindeer would really appreciate it." The Sheriff also commands all squads to give Santa any assistance he may need, has chimneys and roof

tops inspected for safety, and activates special computers to determine which boys and girls have been naughty and nice - all have been nice!

Net control relays a weather report to help guide Santa, "The National Weather Service has just advised me that a severe winter storm has developed in the Hudson Bay area in Northern Canada. Please advise Santa to change his course to avoid that area."

Some children are shy, but others, who may not have spoken to parents, nurses or doctors for days, suddenly ask plenty of questions. "Where is Mrs. Claus? How do you get down a chimney - what if there is no fireplace? Do reindeer get cold? How do you remember to bring the right gifts?" The question, "How can you talk and fly at the same time," brings to Santa thoughts of the trip when the microphone cord got caught in his beard. By far, the most popular questions for Santa to answer were request for certain gifts, "I think I've got some of those back in the pack. I can't reach back there right now to make sure, but if the Elves did their jobs right this year I'm sure I've got everything I need." No one questions Santa about static-free transmission from his sleigh, but I guess it's not unusual to make long distance communications on 2 meters. After all, some net operators heard an astronaut in a space shuttle a month before.

Next, children of Amateur Radio operators at home talk to Santa. Santa continues loud and clear, "Yes, Awey, I want to wish you a Merry Christmas too, and all the boys and girls in all the hospitals and in the Milwaukee area that may be listening in, Merry Christmas to all of you." Contact with Santa continues for nearly two hours.

Despite the frigid cold, all Hams that volunteered for duty, weeks before, reported to their assigned hospital to take part in the event. Parents and hospital personnel are grateful to those who made Operation Santa possible. There were 15 children at Milwaukee Children's Hospital with WB9SJI, WB9BZC, WD9BRI, KA9BYE, and W9ULA; three at St. Mary's hospital with WB9NEA and K9CPP; two at Waukesha Memorial Hospital with K9SFJ and KA9IZH. KC9CJ traveled many miles to reach Community Memorial Hospital of Menomonee Falls for one child as did WB9WRW for Oconomowoc Memorial Hospital. WB9NNJ planned and coordinated the operation, W9ZAG operated as net control, W9ATK provided technical support at the Milwaukee County Sheriff's Department, with WB9SNM, N9EBJ and W9SUF assisting. We know Christmas couldn't be possible with Santa, with superb character portrayal by WITI-TV's Jack DuBlon, who promises to return next year, "Santa never misses Christmas."

Children in the hospitals will long remember Operation Santa Claus as a special Christmas present. The old timers recall their younger years when Santa was on Christmas radio shows. The hospital staff looks forward to the next Christmas Eve when Ham Radio can help lift the hopes of hospitalized children.

Yes, there is a Santa Claus. He will continue to make glad the heart of childhood.

All hear Santa's last transmission as he nears Milwaukee in his sleigh. His belly shakes like a bowl full of jelly as his jolly, old but familiar voice rings out, "Merry Christmas to all, and to all a good night."

Richard Regent, K9GDF

From SEARVAKI Bulletin

U.S. POSTAL SERVICE SALUTES PORN!

The U.S. Postal Service announced today that it would begin issuing a series of commemorative pornographic postage stamps in 1985 to recognize America's historical contribution to the literature of pornography.

The series, entitled "America's Salute to Pornography," will feature such talented artists as Larry Flynt, Marilyn Chambers, and Johnny Holmes, as pioneers in the presentation of pornography in the American home and on the theatre screen. These "porno pioneers" will be depicted on the commemorative stamps performing various classic but disgusting acts representative of the theme of the stamp series.

U.S. Postal Service officials told reporters that Hugh Hefner was originally considered for recognition in the commemorative issue, but was turned down after a committee of U.S. Congressmen deemed Hefner's contributions to American pornography to be "too soft."

The porno commemoratives will be available at all U.S. Postal Service offices beginning on July 4, 1985. They will be sold in \$2.00, \$50.00, and \$250.00 denominations. First day covers will also be available at various illegal houses of free enterprise, and through several selected under-the-counter magazine outlets.

-- KVM5149

MY-MY-MY...(this being a sort commentary on some strange words this editor sees in other Amateur Radio pubs from time to time...)

Now, when it comes to our English language and the use thereof, I make no claim to being an expert. As a matter of fact, my own writing style butchers it on occasion... but most - but not all - misspellings are intentional in my prose.

Sometimes, tho, I do wonder what goes. I have seen reference recently - more than once - to an apparently new type of antenna...it is called a "verticle." My best guess is that is is intended to read "vertical." Verticle? Que es esto?

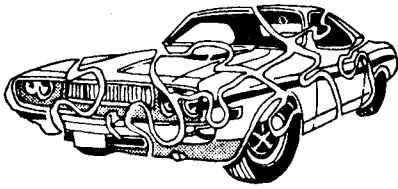
Anudder one appears to be something new in installation and use of towers...most towers aren't self-supporting (those are expensive!)...the towers in use at most Amateur Radio Stations are held upright by guy wires. What seems to be new are called "Guide Wires." Do they guide the tower as it falls? Guide Wires? No, it's guy wires.

Lots of confusion about its and it's. Its is a possessive pronoun, and it means "belongs to"...ala "Where is its antenna?" If you stick the apostrophe in the word, it reads, "Where is it's antenna?" It's is a contraction for the two words "it is." Reading the sentence now, it says: "Where is it is antenna?" Makes absolutely no sense! If you say "its OK," that means that its belongs to OK. If you say it thus: "it's OK," you're right on! "It is OK."

Its OK to use guide wires on your verticle. But..don't install your verticle and guide wires until they have been properly orientated - and you have learned proper preventative maintenance!

jia k9zz

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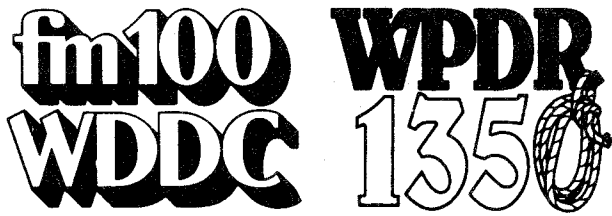
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Badger State Smoke Signals will carry current Amateur Radio news, news about YTARC, WNA, ARRL and other clubs and groups in Wisconsin as well. You will be kept apprised of what is happening in our hobby - locally, regionally, nationally and around the world. Among the many features will be Sentence Sermons, member birthdays, swapfest calendar, ARRL section news, humor and excellent feature articles by well-known Amateurs in Wisconsin and elsewhere. Reports will be included from ARRL Bulletins, ARRL Newsletters, and Westlink Reports, along with items of interest from exchange newsletters and the ARNS.

Regular individual subscription rates:

1 year	-	\$6.00 (12 issues)
2 years	-	\$11.50 (24 issues)
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If you wish to subscribe, please use the form below. Make checks or money orders payable to Badger State Smoke Signals. Send this form to Jim Decker, WB9UQT, Treasurer, P.O. Box 337, Baraboo, Wis. 53913.

In addition to the above rates, a special reduced rate is available to clubs having 20 or more subscriptions per year at a rate of \$4.50 each.

Clubs wishing to participate in Badger State Smoke Signals with a column devoted to their club can receive a lower rate. Mailings must be made to the entire club membership and your club would receive a 15 percent additional complimentary mailings. (There are presently over 85 complimentary and exchange addresses on the mailing list in addition to the present subscribers.)

Less than 50 members	\$3.60 per year
Over 50 members	\$3.00 per year

Badger State Smoke Signals would be happy to serve your members as the official journal for your club. For information and requirements please contact Ken Ebner, K9EN, 822 Wauona Trail., Portage, Wisconsin 53901 -- (608) 742-3560

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